

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1978	(chang\$7 alter\$7 modif\$7) with speed\$4 with encod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:43
L2	292	(chang\$7 alter\$7 modif\$7) with speed\$4 with encod\$4 and fram\$4 with encod\$6	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:30
L3	28	(chang\$7 alter\$7 modif\$7) with speed\$4 with encod\$4 and fram\$4 with encod\$6 and frequenc\$4 with domain\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:31
L4	3	(chang\$7 alter\$7 modif\$7) with speed\$4 with encod\$4 and fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with fram\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:19
L5	1	(chang\$7 alter\$7 modif\$7) with speed\$4 with encod\$4 and fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:32
L6	172	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:32
L7	31	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and audio\$4 near2 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:33
L8	1	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and audio\$4 near2 signal\$4 and repeat\$5 with slower\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:34
L9	1	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and audio\$4 near2 signal\$4 and skip\$5 with faster\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:34
L10	14	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and audio\$4 near2 signal\$4 and invers\$4 with transform\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:35
L11	5	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and audio\$4 near2 signal\$4 and invers\$4 with transform\$8 and invers\$4 with window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:36

EAST Search History

L12	11	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and (voic\$4 speech\$4 audio\$4 near2 signal\$4) and invers\$4 with transform\$8 and invers\$4 with window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:37
L13	11	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and ((voic\$4 speech\$4 audio\$4) near2 signal\$4) and invers\$4 with transform\$8 and invers\$4 with window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:40
L14	7	fram\$4 with encod\$6 and frequenc\$4 with domain\$4 and (initial\$4 and end\$5) with phas\$4 and ((voic\$4 speech\$4 audio\$4) near2 signal\$4) and invers\$4 with transform\$8 and invers\$4 with window\$4 and speed\$4 with signal\$5	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:42
L15	1425	((chang\$7 alter\$7 modif\$7) with speed\$4 same maintain\$4 with (pitch\$4 frequenc\$7))	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:44
L16	805	((chang\$7 alter\$7 modif\$7) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7))	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:44
L17	0	((chang\$7 alter\$7 modif\$7) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti.	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:45
L18	314	((chang\$7 alter\$7 modif\$7) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,bsum,ab.	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:45
L19	41	((chang\$7 alter\$7 modif\$7) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:47
L20	77	((chang\$7 alter\$7 modif\$7 vary\$4 varia\$8) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/08/14 07:47
L21	6	((chang\$7 alter\$7 modif\$7 vary\$4 varia\$8) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab,bsum. and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:29
L23	1	((chang\$7 alter\$7 modif\$7 vary\$4 varia\$8) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab,bsum. and "704"/\$.ccls. and invers\$4 near3 transform\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:30

EAST Search History

L24	1	((chang\$7 alter\$7 modif\$7 vary\$4 varia\$8) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab,bsum. and "704"/\$.ccls. and invers\$4 near3 transform\$9	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:30
L25	1	((chang\$7 alter\$7 modif\$7 vary\$4 varia\$8) with speed\$4 with maintain\$4 with (pitch\$4 frequenc\$7)).ti,ab,bsum. and "704"/\$.ccls. and invers\$4 near3 transform\$4 and window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:55
L26	359	(audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:56
L27	1	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:56
L28	10	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti,ab.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:56
L29	98	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti,ab,bsum.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:57
L30	45	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti,ab,bsum. and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/14 08:57
L31	8	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti,ab,bsum. and "704"/\$.ccls. and invers\$4 near3 (transform\$9 window\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:01
L32	5	((audio\$4 speech\$4 voic\$4) with (speed\$4 and slow\$4) with (pitch\$4 frequenc\$8)).ti,ab,bsum. and "704"/\$.ccls. and invers\$4 near3 (transform\$9 and window\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:08
L33	18	(repeat\$4 with slow\$5 with speed\$4) and (skip\$7 with speed\$4 with slow\$5)	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:39
L34	14	(repeat\$4 with slow\$5 with speed\$4) and (skip\$7 with speed\$4 with slow\$5)and (pitch\$6 frequen\$8)	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:18
L35	1	(repeat\$4 with slow\$5 with speed\$4) and (skip\$7 with speed\$4 with slow\$5)and (pitch\$6 frequen\$8) and invers\$4 near4 (transform\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:19

EAST Search History

L36	4	(repeat\$4 with slow\$5 with speed\$4) and (skip\$7 with speed\$4 with slow\$5)and (pitch\$6 frequen\$8) and invers\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:19
L37	1	"6088313".pn. and program\$7	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:39
L38	2563	(initial\$4 end\$5) near4 phras\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:40
L39	141	(initial\$4 and end\$5) near4 phras\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:41
L40	23	(initial\$4 and end\$5) near4 phras\$4 and (chang\$4 alter\$4 modif\$9 vary varia\$8) with speed\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:42
L41	8	(initial\$4 and end\$5) near4 phras\$4 and (chang\$4 alter\$4 modif\$9 vary varia\$8) with speed\$4 and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:44
L42	0	replac\$4 with intial\$3 with ending\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:44
L43	20	replac\$4 with initial\$3 with ending\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:47
L44	229	encod\$4 near3 (audio\$4 voic\$4 speech\$4) near3 signal\$4 same fram\$4 and transform\$4 with frequenc\$4 with domain\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:49
L45	56	encod\$4 near3 (audio\$4 voic\$4 speech\$4) near3 signal\$4 same fram\$4 and transform\$4 with frequenc\$4 with domain\$4 and speed\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:50
L46	40	encod\$4 near3 (audio\$4 voic\$4 speech\$4) near3 signal\$4 same fram\$4 and transform\$4 with frequenc\$4 with domain\$4 and speed\$4 and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:40
L47	1	"5781696".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/14 09:56
L48	15650	((speed\$4 near3 up\$4) or (slow\$5 near3 down\$4) or (speed\$4 near (alter\$9 modif\$9 varia\$9 chang\$4))) with (pitch\$4 frequenc\$5)	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:05
L49	7	((speed\$4 near3 up\$4) or (slow\$5 near3 down\$4) or (speed\$4 near (alter\$9 modif\$9 varia\$9 chang\$4))) with (pitch\$4 frequenc\$5) same (transform\$9 with frequenc\$4 near3 domain\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:08

EAST Search History

L50	248	((speed\$4 near3 up\$4) or (slow\$5 near3 down\$4) or (speed\$4 near (alter\$9 modif\$9 varia\$9 chang\$4))) with (pitch\$4 frequenc\$5) and (transform\$9 with frequenc\$4 near3 domain\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:08
L51	6	((speed\$4 near3 up\$4) or (slow\$5 near3 down\$4) or (speed\$4 near (alter\$9 modif\$9 varia\$9 chang\$4))) with (pitch\$4 frequenc\$5) and (transform\$9 with frequenc\$4 near3 domain\$4) and replac\$4 with fram\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:12
L52	6	I51 not "I59"	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:12
L53	6	I51 not "I49"	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:12
L54	79	((speed\$4 near3 up\$4) or (slow\$5 near3 down\$4) or (speed\$4 near (alter\$9 modif\$9 varia\$9 chang\$4))) with (pitch\$4 frequenc\$5)).ti.	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:26
L55	1	"6266643".pn. and replac\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 10:26
L56	1023	encod\$4 with (audio\$4 speech\$5 voic\$4) near3 signal\$4 and transform\$4 with frequen\$7 near domain\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:21
L57	526	encod\$4 with (audio\$4 speech\$5 voic\$4) near3 signal\$4 and transform\$4 with frequen\$7 near domain\$4 and invers\$4 near3 transform\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:21
L58	551	encod\$4 with (audio\$4 speech\$5 voic\$4) near3 signal\$4 and transform\$4 with frequen\$7 near domain\$4 and invers\$4 near3 transform\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:21
L59	14	encod\$4 with (audio\$4 speech\$5 voic\$4) near3 signal\$4 and transform\$4 with frequen\$7 near domain\$4 and invers\$4 near3 transform\$8 and invers\$4 near4 window\$4 near3 function\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:29
L60	426	invers\$4 near3 transform\$4 with encod\$4 near3 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:32
L61	8	invers\$4 near3 transform\$4 with encod\$4 near3 signal\$4 and invers\$4 near3 window\$4 near3 function\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:45
L62	0	frame\$4 with (inital\$4 and end\$4) near3 phas\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:47

EAST Search History

L63	36	frame\$4 with (initial\$4 and end\$4) near3 phas\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 11:47
L64	15	frame\$4 with (initial\$4 and end\$4) near3 phas\$4 and "704"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:01
L65	4	play\$4back\$4 near3 speed\$4 with programmabl\$4 near valu\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:05
L66	316	play\$4back\$4 near3 speed\$4 with program\$9	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:08
L67	719570	((pitch\$4 frequen\$4) and speed\$6)".ti. play"\$4back\$4 near3 speed\$4 with program\$9	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:07
L68	2	((pitch\$4 frequen\$4) and speed\$6).ti. and play\$4back\$4 near3 speed\$4 with program\$9	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:08
L69	198	play\$4back\$4 near3 speed\$4 with program\$9 and (frequenc\$4 pitch\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:14
L70	106	play\$4back\$4 near3 speed\$4 with program\$9 and (frequenc\$4 pitch\$4) with speed\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:51
L71	95	play\$4back\$4 near3 speed\$4 with automatic\$9 and (frequenc\$4 pitch\$4) with speed\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 12:55
L72	120	invers\$4 with window\$4 near3 function\$4 and decod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:09
L73	7	invers\$4 with window\$4 near3 function\$4 and decod\$4 and speed\$4 with (pitch\$4 frequenc\$4)\	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:10
L74	7	invers\$4 with window\$4 near3 function\$4 and decod\$4 and speed\$4 with (pitch\$4 frequenc\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:24
L75	0	"6266643".pn. and automatic\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:18
L76	0	"6266643".pn. and automatic\$7	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:18
L77	1	"6266643".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:18
L78	0	"6266643".pn. and decod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:23
L79	1	"6266643".pn. and cod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:23
L80	0	"6088313".pn. and cod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:23
L81	0	"6088313".pn. and DECOD\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:24

EAST Search History

L82	0	"20020120925".did. and DECOD\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:24
L83	120	invers\$4 with window\$4 near3 function\$4 and decod\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:42
L84	7	invers\$4 with window\$4 near3 function\$4 and decod\$4 and speed\$5 with (pitch\$5 frequenc\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:25
L85	13	invers\$4 with window\$4 near3 function\$4 and decod\$4 and speed\$5 same (pitch\$5 frequenc\$4)	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:25
L86	6	l85 not l84	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:25
L87	0	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch\$7compensat\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:29
L88	0	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch with compensat\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:30
L89	4373	pitch with compensat\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:29
L90	0	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch\$\$ with compensat\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:31
L91	26	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch\$\$	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:31
L92	26	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:35
L93	2	invers\$4 with window\$4 near3 function\$4 and decod\$4 and (pitch\$4 frequenc\$7) near compensat\$9	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:33
L94	16	invers\$4 with window\$4 near3 function\$4 and decod\$4 and pitch\$4 with frequenc\$7	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:35
L95	4	(US-20020120925-\$).did. or (US-6088313-\$ or US-5717829-\$ or US-6324337-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:39
L96	1	((US-20020120925-\$).did. or (US-6088313-\$ or US-5717829-\$ or US-6324337-\$).did.) and window\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:39
L97	96	invers\$4 with window\$4 near3 function\$4 and decod\$4 near4 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:42
L98	10	invers\$4 adj window\$4 near3 function\$4 and decod\$4 near4 signal\$4 and invers\$4 near3 transform\$8	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:45

EAST Search History

L99	14	invers\$4 adj window\$4 near3 function\$4 and decod\$4 near4 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:47
L100	4	l99 not l98	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:46
L101	165	invers\$4 near3 window\$4 and decod\$4 near4 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:48
L102	55	invers\$4 adj window\$4 and decod\$4 near4 signal\$4	US-PGPUB; USPAT	OR	OFF	2007/08/14 13:48
L103	1	"6266643".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:08
L104	1	"6266643".pn. and cod\$	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:08
L105	1	"6266643".pn. and cod\$5	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:08
L106	1	"6266643".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:19
L107	1	"20050209846".did.	US-PGPUB; USPAT	OR	OFF	2007/08/14 14:34